

DECLASSIFIED

Date: 2/28/17 Initial: jk

**** CONFIDENTIAL ****

****PRE-DECISIONAL DOCUMENT ****

**** SUMMARY SCORESHEET ****

**** FOR COMPUTING PROJECTED HRS SCORE ****

**** Do Not Cite or Quote ****

Site Name: Kleiner Metal Specialties

Region: 2

City, County, State: South Plainfield,
Middlesex NJ

Evaluator: Steve Hoke

EPA ID#: NJD055935902

Date: 9/23/2009

Lat/Long: 40.559722 / -74.437778

T/R/S:

Congressional District: 18

This Scoresheet is for: SI

Scenario Name: Site Investigation

Description: KMS was investigated as a possible contaminant source for the Franklin Street Ground Water Contamination. NJDEP compiled file information and performed a subsurface investigation at the site.

	S pathway	S ² pathway
Ground Water Migration Pathway Score (S _{gw})	100	10000
Surface Water Migration Pathway Score (S _{sw})		
Soil Exposure Pathway Score (S _s)		
Air Migration Score (S _a)		
$S_{gw}^2 + S_{sw}^2 + S_s^2 + S_a^2$		10000
$(S_{gw}^2 + S_{sw}^2 + S_s^2 + S_a^2)/4$		2500
$/ (S_{gw}^2 + S_{sw}^2 + S_s^2 + S_a^2)/4$		50

u Pathways not assigned a score (explain): Soil - No surface spills, subsurface release to septic

Air - Hazardous Materials are no longer used at the site.

Surface Water - All contamination is subsurface.

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TABLE 3-1 --GROUND WATER MIGRATION PATHWAY SCORESHEET

Factor categories and factors	Maximum Value	Value Assigned
Aquifer Evaluated: Passaic Formation		
Likelihood of Release to an Aquifer:		
1. Observed Release	550	550
2. Potential to Release:		
2a. Containment	10	
2b. Net Precipitation	10	
2c. Depth to Aquifer	5	
2d. Travel Time	35	
2e. Potential to Release [lines 2a(2b + 2c + 2d)]	500	
3. Likelihood of Release (higher of lines 1 and 2e)	550	550
Waste Characteristics:		
4. Toxicity/Mobility	(a)	10000
5. Hazardous Waste Quantity	(a)	10
6. Waste Characteristics	100	18
Targets:		
7. Nearest Well	(b)	3
8. Population:		
8a. Level I Concentrations	(b)	
8b. Level II Concentrations	(b)	
8c. Potential Contamination	(b)	1095
8d. Population (lines 8a + 8b + 8c)	(b)	1095
9. Resources	5	0
10. Wellhead Protection Area	20	0
11. Targets (lines 7 + 8d + 9 + 10)	(b)	1098
Ground Water Migration Score for an Aquifer:		
12. Aquifer Score [(lines 3 x 6 x 11)/82,5000] ^c	100	100
Ground Water Migration Pathway Score:		
13. Pathway Score (S_{gw}), (highest value from line 12 for all aquifers evaluated) ^c	100	100

^a Maximum value applies to waste characteristics category^b Maximum value not applicable^c Do not round to nearest integer